

**Deep Space Lighting**  
**KENWORTH T680 BI-XENON HEADLIGHT**  
**UPGRADE KIT**

**Installation Instructions**

Estimated Installation Time: 30-45 minutes

Before starting, make sure your headlight housings are a good candidate for the upgrade. Look for moisture, and repair before starting. Hazed lenses should be polished and clear-coated for optimal performance, but that holds true with or without the kit. The lenses can be polished before or after installation. If the truck has been exposed to road salt, soaking the headlight mounting bolts with a penetrating oil is advised.

**Package contents:**

2 Morimoto Bi-Xenon Projectors  
 2 XB Ballasts  
 2 Igniter Cables

2 XB35 Bulbs  
 2 High Beam Splitters  
 2 Ballast Adapter Cables

<ol style="list-style-type: none"> <li>1. Remove headlamp housing:           <ol style="list-style-type: none"> <li>a) Make sure headlights are turned off, and raise hood. Unbolt headlight housing and remove from truck</li> </ol> </li> </ol>	
<ol style="list-style-type: none"> <li>2. Take headlamp to a table for disassembly. Lay soft towel under lamp to protect against scratches.</li> <li>3. Remove headlight bulb access covers.</li> <li>4. Remove both high and low beam bulb connectors. (You do not need to remove the bulbs)</li> </ol>	
<ol style="list-style-type: none"> <li>5. Remove 4 Torx screws from the back side of the low beam projector:</li> <li>6. Remove low beam projector through bulb access hole.</li> </ol>	
<ol style="list-style-type: none"> <li>7. Insert projector into headlamp.</li> </ol>	
<ol style="list-style-type: none"> <li>8. Reinstall screws removed in step 5.</li> </ol>	
<ol style="list-style-type: none"> <li>9. Install black plug shell onto terminal leads coming from new projector:</li> <li>10. Connect male end of high beam splitter to factory high beam connector:</li> <li>11. Connect one female end of high beam splitter to factory high beam bulb, and connect the other female end to the connector on the projector:</li> </ol>	
<ol style="list-style-type: none"> <li>12. Install bulb into projector, and lock bulb retainer into place.</li> <li>13. Install bulb end of igniter cable onto bulb, and connect other end to ballast.</li> </ol>	
<ol style="list-style-type: none"> <li>14. Connect ballast adapter cable to ballast, and connect other end to factory low beam connector:</li> <li>15. Place ballast inside headlamp housing, and replace bulb access covers.</li> </ol>	
<ol style="list-style-type: none"> <li>16. Reinstall headlamp on truck.</li> </ol>	

17. Repeat for other side.	
18. Check fog light aim by measuring the height of the upper edge of the beam when aimed at a wall approximately 25 feet away. Adjust aim by turning screw on front of fog light housing until top edge of beam on the wall is at the same height as the fog light. If additional adjustment is needed, you may need to loosen the bolts on the bumper end cap and adjust bumper alignment.	